

ABSTRACT OF THE DISCLOSURE

Mechanisms for a Networked Enterprise Server that provide fault tolerance for computer programs that interact with computer programs within and between enterprises over a communication network, such as the Internet or a virtual private network. Fault tolerance is provided by unifying transaction processing and object or process replication. Transaction processing is used in this invention to protect the local data and processing against faults, while replication is used to protect the processing and communication that span multiple enterprises.